

addition of at least one alkyl or alkenyl hydrocarbon group attached to said sugar moiety at carbon 1, 2, 3, 4, 5, or 6 and wherein said hydrocarbon group contains about 6 to 18 carbon atoms which may be straight chain or branched chain.

B. Amended Claims

Please amend the claims as follows.

1. Marked-Up Amended Claims

1. (Once Amended) A stable formulation of a biologically active protein useful for aerosol delivery to the respiratory tract of a patient in need of treatment comprising:

- (a) a carrier liquid comprising from about 10% to from about 100% V/V water and from about 0% to from about 90% V/V of an organic liquid;
- (b) a biologically effective amount of a protein suspended or dissolved in [a] said carrier liquid; and
- (c) a stabilizing effective amount of a derivatized carbohydrate stabilizing agent suspended or dissolved in said carrier liquid;

wherein said derivatized carbohydrate is selected from the group consisting of C8-trehalose, C16-trehalose, C8-glucopyranoside and C12-glucopyranoside.

12. (Once Amended) A stable formulation according to claim 1 wherein said derivatized carbohydrate [sugar moiety] is selected from the group consisting of [trehalose, sucrose, glucose, maltose, and galactose.] C8-trehalose and C8-glucopyranoside.

20. (Once Amended) A stable formulation of a biologically active protein useful for aerosol delivery to the respiratory tract of a patient in need of treatment comprising:

- (a) a carrier liquid which is from about 20% to from about 30% V/V water and from about 70% to from about 80% V/V of ethanol;
- (b) a biologically effective amount of a protein suspended or dissolved in [a] said carrier liquid; and
- (c) a stabilizing effective amount of a derivatized carbohydrate stabilizing agent elected from the group consisting of C8-trehalose, C16-trehalose, C8-glucopyranoside and C12-glucopyranoside.

2. Clean Copy of Each Amended Claim

1. (Once Amended) A stable formulation of a biologically active protein useful for aerosol delivery to the respiratory tract of a patient in need of treatment comprising:

- (a) a carrier liquid comprising from about 10% to from about 100% V/V water and from about 0% to from about 90% V/V of an organic liquid;
- (b) a biologically effective amount of a protein suspended or dissolved in said carrier liquid; and
- (c) a stabilizing effective amount of a derivatized carbohydrate stabilizing agent suspended or dissolved in said carrier liquid;

wherein said derivatized carbohydrate is selected from the group consisting of C8-trehalose, C16-trehalose, C8-glycopyranoside and C12-glucopyranoside.

12. (Once Amended) A stable formulation according to claim 1 wherein said derivatized carbohydrate is selected from the group consisting of C8-trehalose and C8-glycopyranoside.

20. (Once Amended) A stable formulation of a biologically active protein useful for aerosol delivery to the respiratory tract of a patient in need of treatment comprising:

- (a) a carrier liquid which is from about 20% to from about 30% V/V water and from about 70% to from about 80% V/V of ethanol;
- (b) a biologically effective amount of a protein suspended or dissolved in said carrier liquid; and
- (c) a stabilizing effective amount of a derivatized carbohydrate stabilizing agent elected from the group consisting of C8-trehalose, C16-trehalose, C8-glucopyranoside and C12-glucopyranoside.